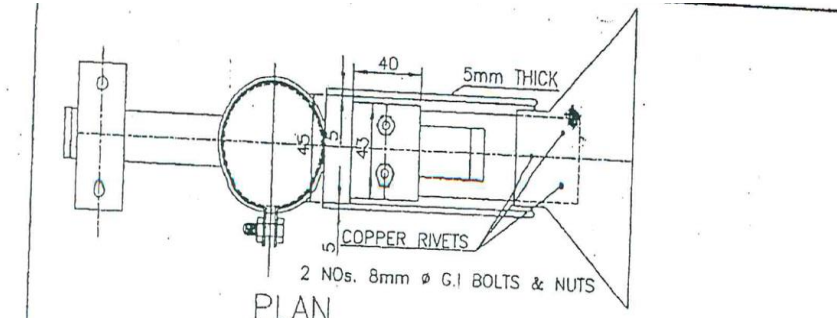
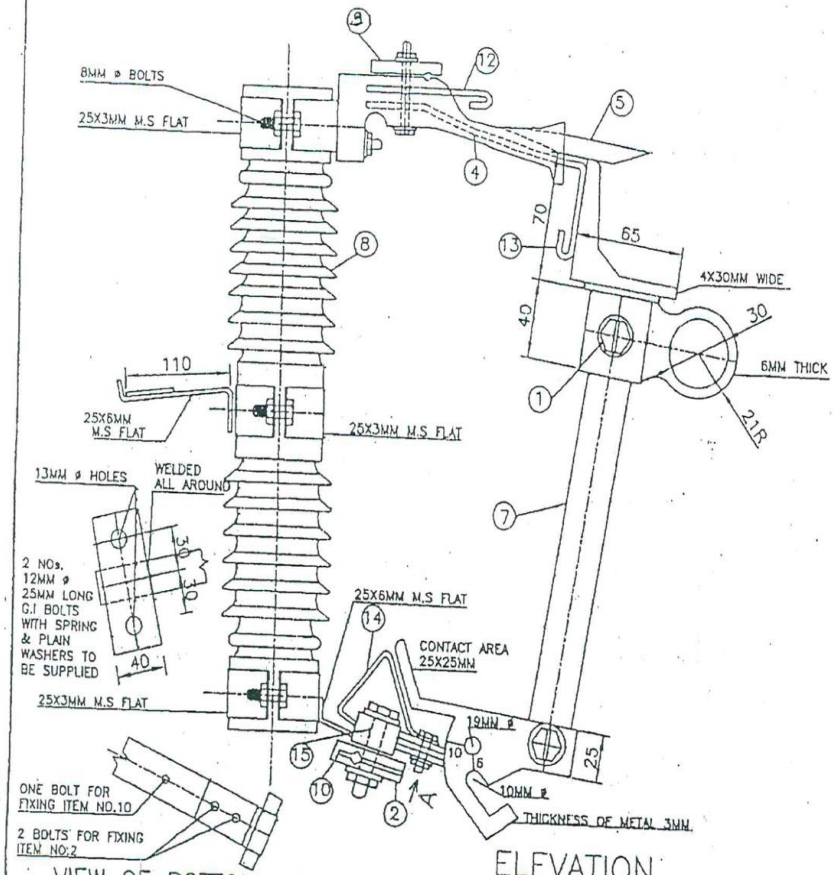
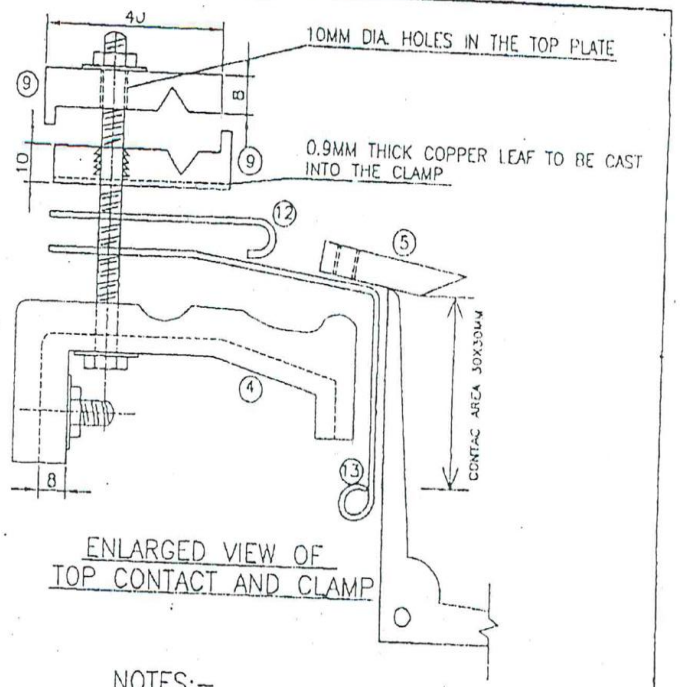


PLAN



VIEW OF BOTTOM CONTACT AT 'A'

ELEVATION



ENLARGED VIEW OF TOP CONTACT AND CLAMP

NOTES:-

1. ALL FERROUS PARTS TO BE HOT DIP GALVANISED.
2. ITEM 13 AND 14 ARE TO BE SUITABLY BENT TO ENSURE 100% CONTACT.
3. ALL DIMENSIONS ARE IN MM.
4. ALL BOLTS AND NUTS SHALL BE PROVIDED WITH PLAIN AND SPRING WASHERS.
5. BIMETALLIC CLAMPS SHALL HAVE 'V' NOTCHES TO ACCOMMODATE SQIRREL, WEASEL & RABBIT CONDUCTORS.

11 KV 100 AMPS.

D.O.L.O. CUTOUT

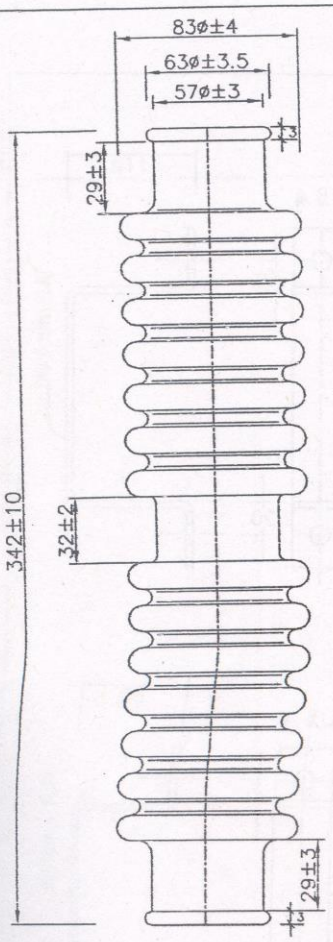
The above drawings for reference only, the successful bidder shall obtain drawing approval from QS&S Section

DESCRIPTION

1. FUSE HOLDER TOP (GUN METAL)
2. BOTTOM CONTACT (GUN METAL)
3. L ANGLE TOP (GUN METAL) AREA AT THE POINT OF CONTACT SHOULD BE 900 SQ.MM (30X30MM)
4. TOP CONTACT HOLDER (ALUMINIUM CAST)
5. TOP CONTACT TONGUE (ALUMINIUM CAST) CONTACT PORTION SHOULD BE 900 SQ.MM
6. FUSE HOLDER BOTTOM (GUN METAL) CONTACT AREA SHOULD BE 625 SQ.MM (25X25)
7. FIBRE TUBE FOR FUSE
8. SOLID PORCELAIN INSULATOR 11KV CLASS.
9. BIMETALLIC CLAMP TOP WITH TWO BOLTS.
10. BIMETALLIC CLAMP BOTTOM WITH SINGLE BOLT.
11. TINNED BRASS 4MM ø HEX. BOLTS WITH NOTCH FOR SCREW DRIVER AND A BRASS WASHER.
12. PHOSPHOR BRONZE STAY PIECE.
13. 2 NOs. 0.91MM (20 SWG) 25MM WIDE PHOSPHOR BRONZE STRIP BENT SUITABLY TO ENSURE 100% CONTACT.
14. 2 NOs. 0.91MM (20SWG) 25MM WIDE BENT SUITABLY TO ENSURE 100% CONTACT.
15. COPPER JUMPER PIECES 2 NOs. HAVING CONTACT AREA OF 25X30MM.

NOTES:–

1. ALL FERROUS PARTS TO BE HOT DIP GALVANISED.
2. ITEM 13 AND 14 ARE TO BE SUITABLY BENT TO ENSURE 100% CONTACT.
3. ALL DIMENSIONS ARE IN MM.
4. ALL BOLTS AND NUTS SHALL BE PROVIDED WITH PLAIN AND SPRING WASHERS.
5. BIMETALLIC CLAMPS SHALL HAVE 'V' NOTCHES TO ACCOMMODATE SQIRREL, WEASEL & RABBIT CONDUCTORS.



TECHNICAL PARTICULARS

1. LEAKAGE DISTANCE = 210 mm
2. FLASHOVER VOLTAGE
   a. DRY = 60 KV
   b. WET = 40 KV
3. WEIGHT OF UNIT (APPROX.) = 2.8 Kgs.
4. FLASHOVER VOLTAGES ARE SUBJECT TO VARIATION ±5%
5. IMPULSE VOLTAGE LEVEL BETWEEN LIVE POINT AND THE GROUND POINT OF THE CORE SHOULD BE 75KV. FOR THE RATED VOLTAGE OF 12KV CORE INSULATOR.
6. CORNERS ROUNDED OFF BY 1.5R.

NOTES:–

1. ALL DIMENSIONS ARE IN mm.
2. BENDING TOLERANCE 5.0 mm
3. NOT TO SCALE.

S.NO	DETAILS OF REVISIONS MADE	AGM	DGM	GM

	Signatures	All dimensions are in mm unless otherwise stated.	ಬೆ ವಿ ಕಂ BESCOM
Chd	AGM (CP)	DETAILS OF SOLID CORE INSULATOR REQUIRED FOR 11 KV H.G FUSE UNIT	Approved: 24/10/07 General Manager,(Elec.) Corporate Planning
Sub	DGM (CP)		DRG.NO.BESCOM/GM/CP/29 DATED: 24.10.07
	SCALE: N.T.S		